

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061456.D
 Acq On : 31 Mar 2019 19:32
 Operator : VA/AP
 Sample : K2130-02
 Misc : 6.42g/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-034-A

Quant Time: Apr 01 06:51:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

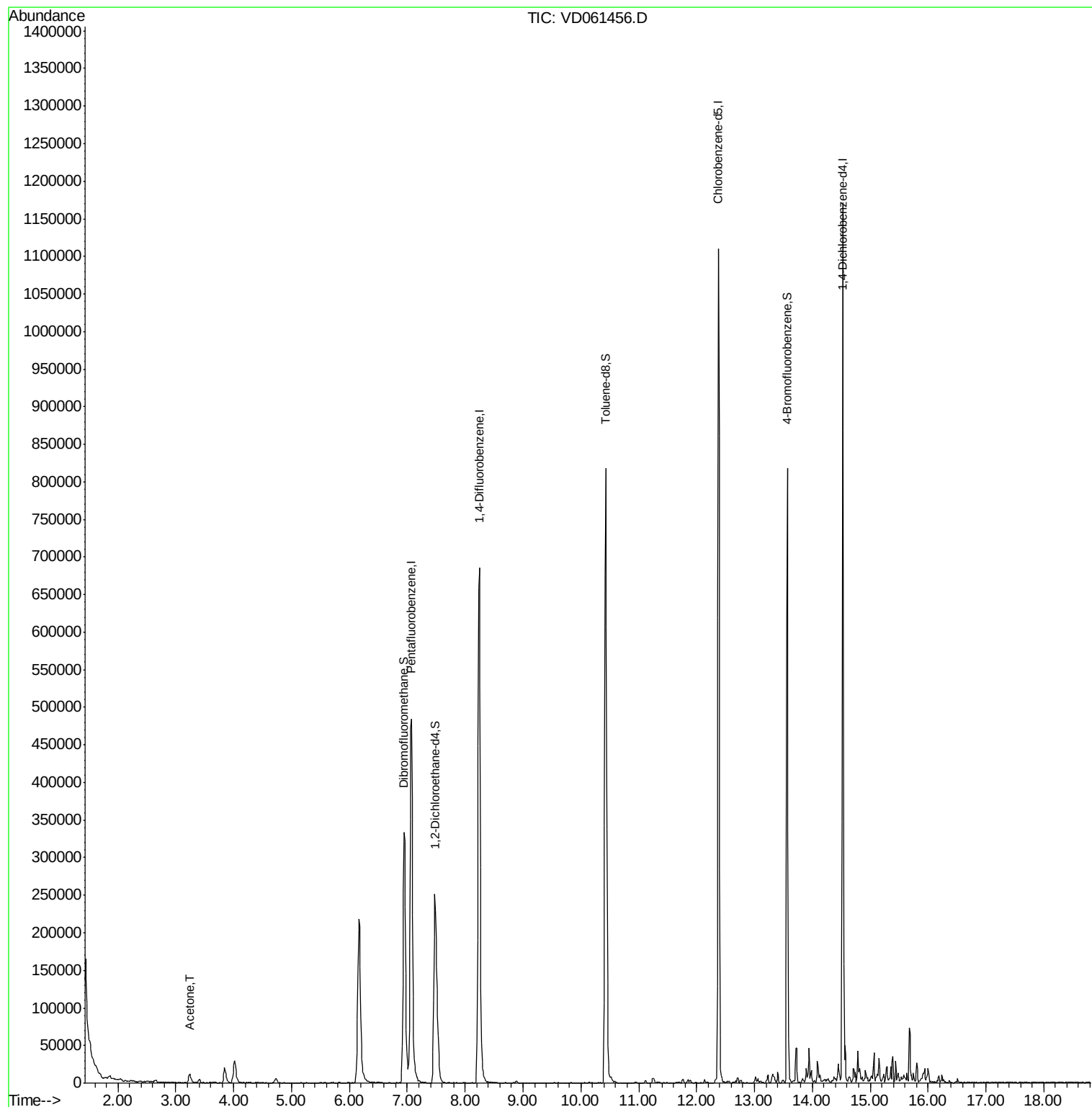
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	523018	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	891581	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	684127	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	274350	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	212601	47.58	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.16%	
35) Dibromofluoromethane	6.94	113	323610	47.50	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	10.43	98	721756	44.17	ug/l	0.04
Spiked Amount 50.000			Recovery	=	88.34%	
62) 4-Bromofluorobenzene	13.57	95	258712	41.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.58%	
Target Compounds						
16) Acetone	3.24	43	24790	21.584	ug/l	Qvalue 92

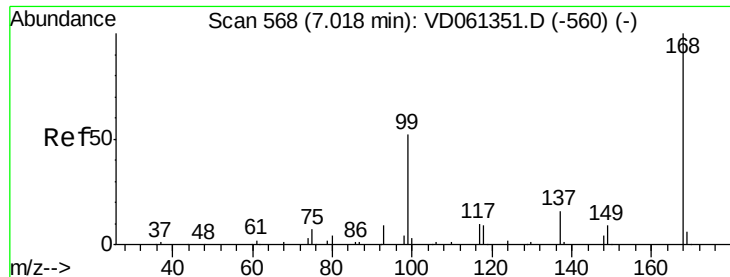
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD061456.D

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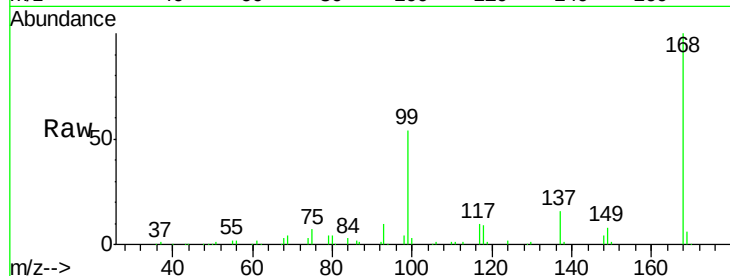
FK-GF-02-034-A

Tgt Ion:168 Resp: 523018

Ion Ratio Lower Upper

168 100

99 53.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

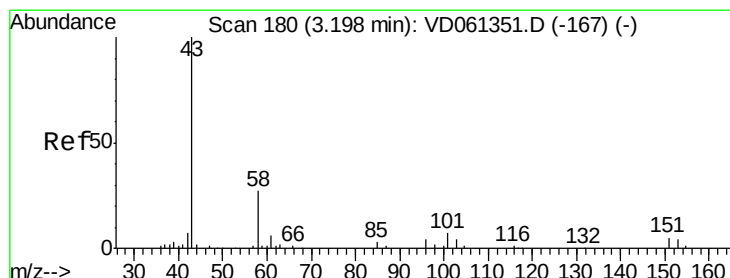
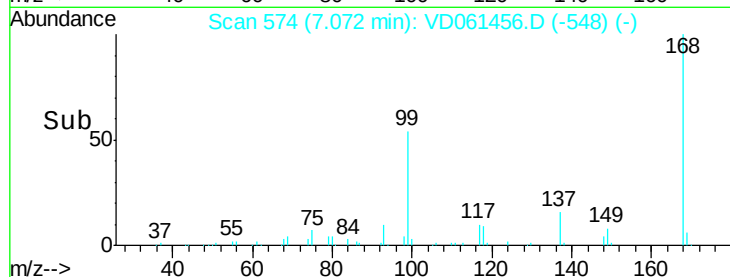
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 21.584 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.04 min

Lab File: VD061456.D

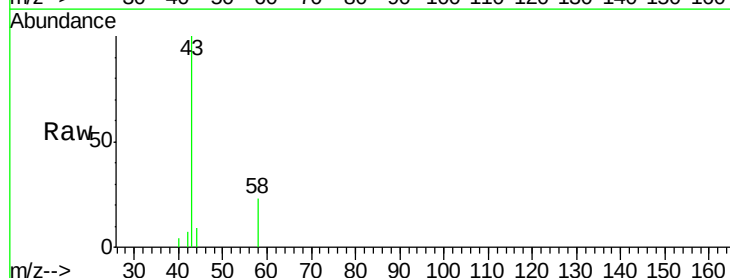
Acq: 31 Mar 2019 19:32

Tgt Ion: 43 Resp: 24790

Ion Ratio Lower Upper

43 100

58 22.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

10000

8000

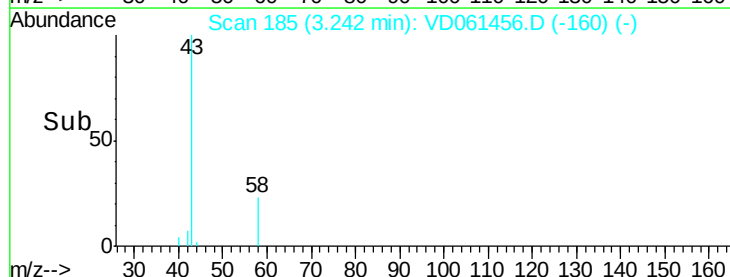
6000

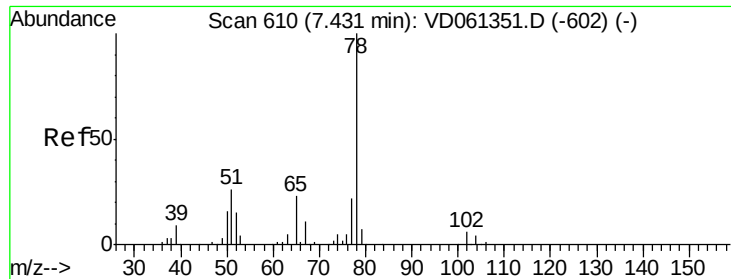
4000

2000

0

Time--> 3.20 3.30

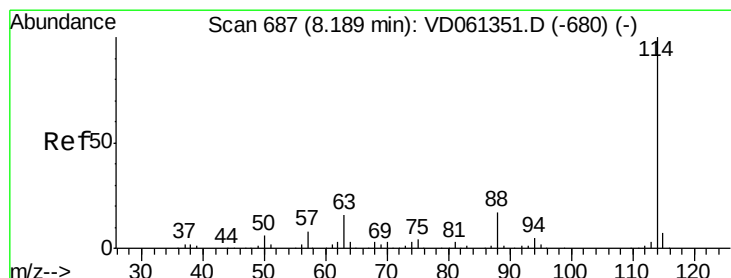
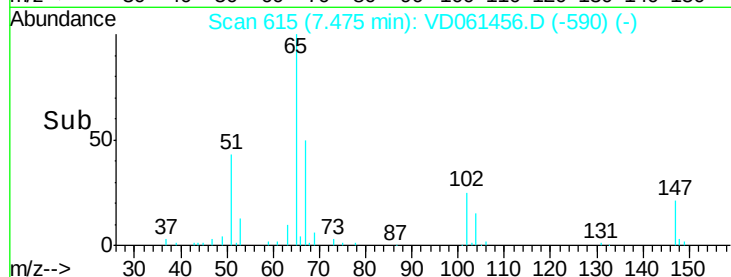
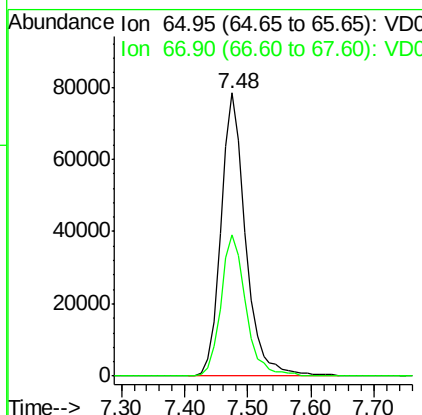
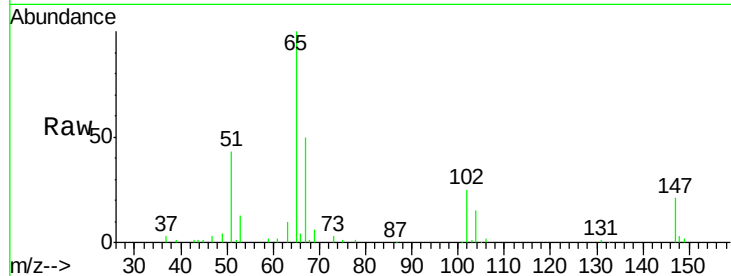




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.04 min
 Lab File: VD061456.D
 Acq: 31 Mar 2019 19:32

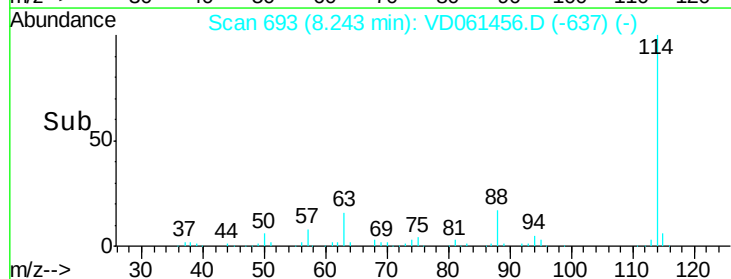
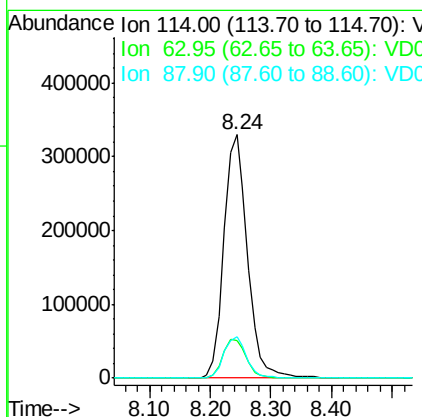
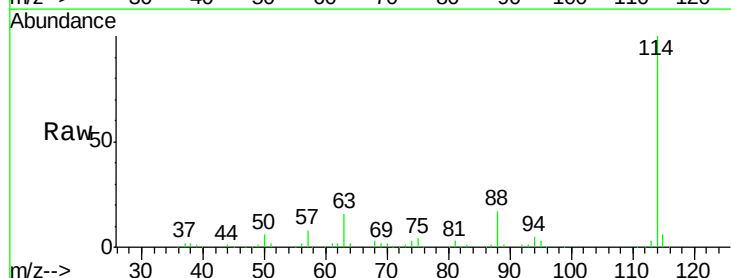
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-034-A

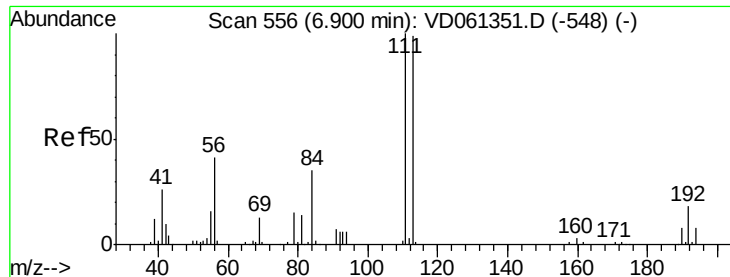
Tgt Ion: 65 Resp: 212601
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD061456.D
 Acq: 31 Mar 2019 19:32

Tgt Ion: 114 Resp: 891581
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.04 min

Lab File: VD061456.D

Acq: 31 Mar 2019 19:32

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-034-A

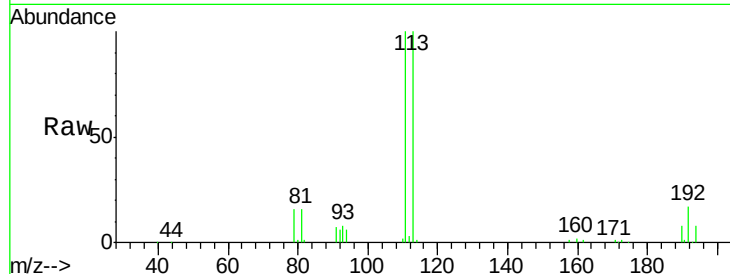
Tgt Ion:113 Resp: 323610

Ion Ratio Lower Upper

113 100

111 100.0 81.0 121.6

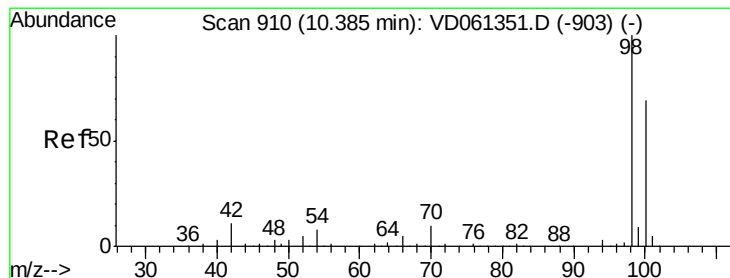
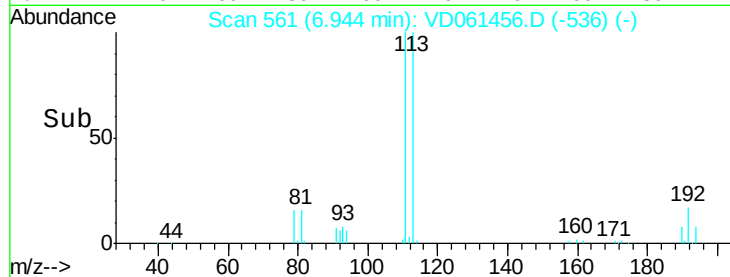
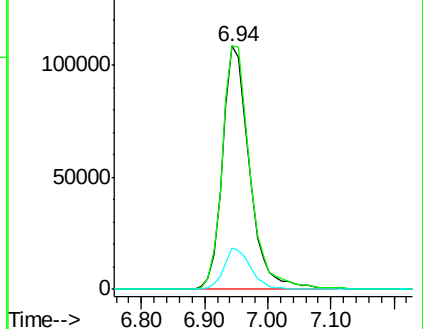
192 16.8 14.4 21.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.04 min

Lab File: VD061456.D

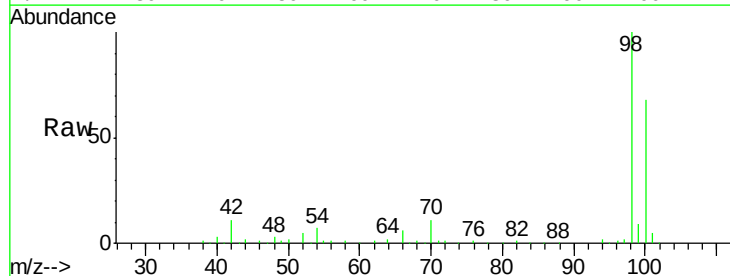
Acq: 31 Mar 2019 19:32

Tgt Ion: 98 Resp: 721756

Ion Ratio Lower Upper

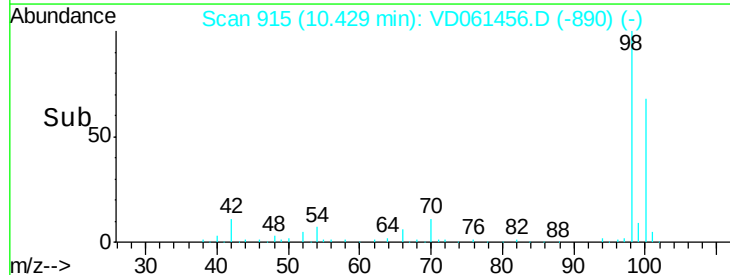
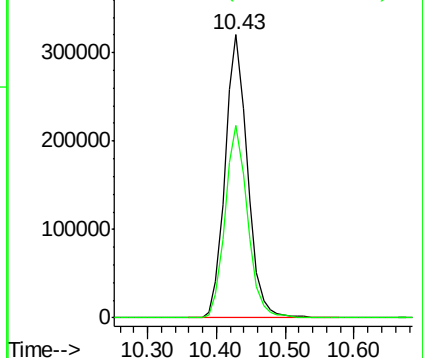
98 100

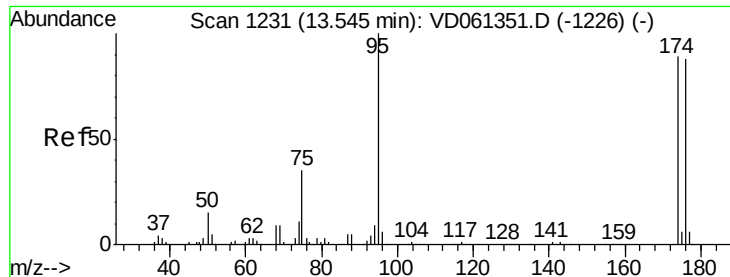
100 68.1 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061456.D

Acq: 31 Mar 2019 19:32

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-034-A

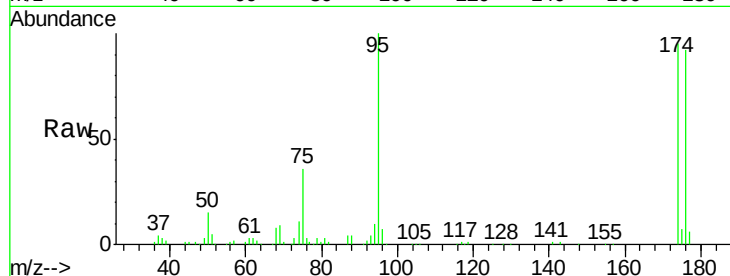
Tgt Ion: 95 Resp: 258712

Ion Ratio Lower Upper

95 100

174 95.3 0.0 178.0

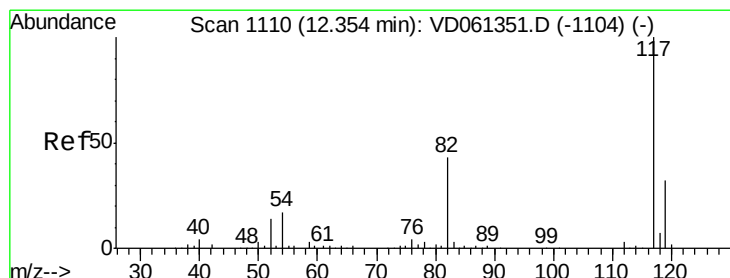
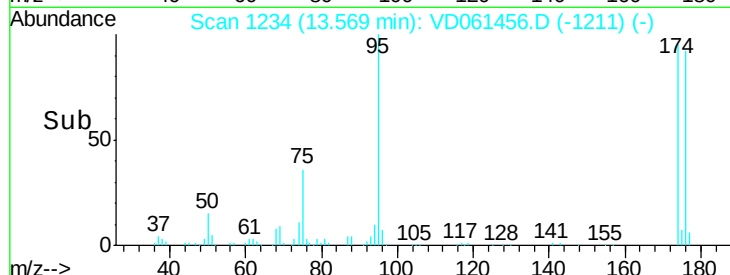
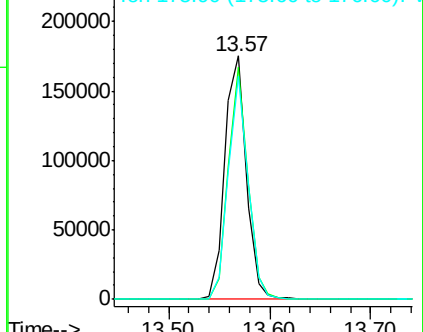
176 91.5 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061456.D

Acq: 31 Mar 2019 19:32

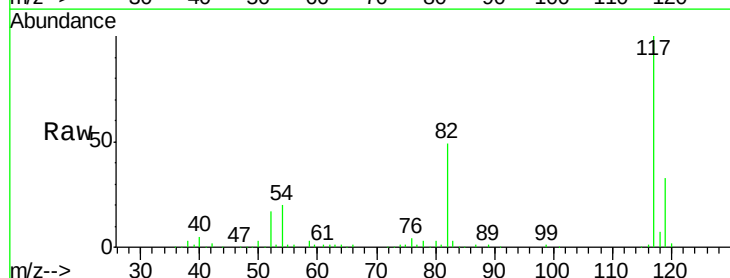
Tgt Ion: 117 Resp: 684127

Ion Ratio Lower Upper

117 100

82 48.6 34.4 51.6

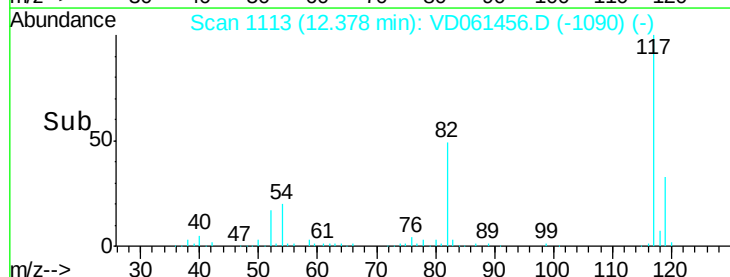
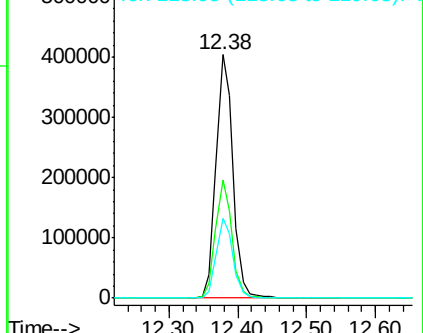
119 32.9 25.8 38.6

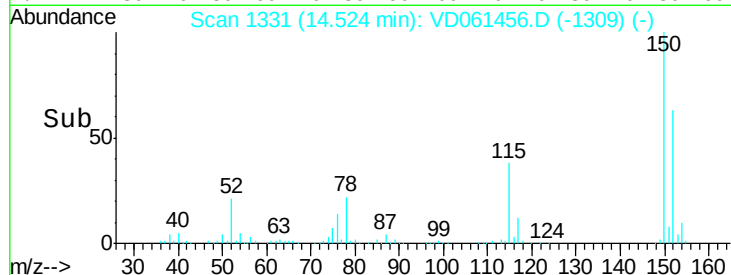
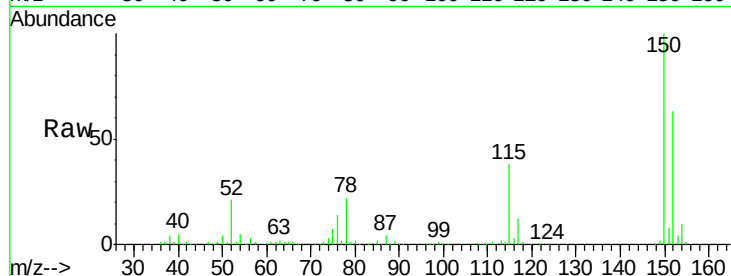
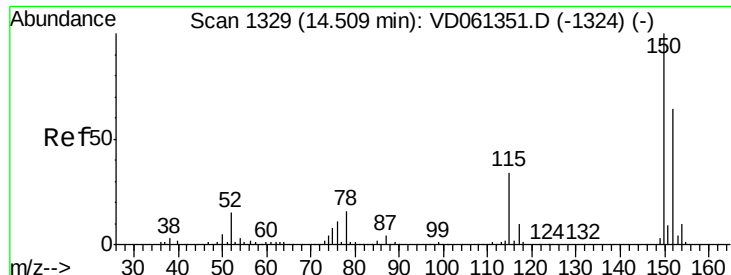


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061456.D
 Acq: 31 Mar 2019 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-034-A

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	26.9	80.6
150	158.0	0.0	318.0

